

CLAIMS

1. Apparatus for the automatic drawing out of liquids from bottles, by applying a pressure on the liquid by an inert gas to the liquid, wherein the bottles are kept in their normal vertical position, characterised in that it comprises a body (10), lifting
5 means (11) placed on the interior part of the body (10) and a drawing tap (12).
2. Apparatus according to claim 1 wherein the drawing tap (12) consists of a body (13) an electric valve (14) and a tap (15) having a conical mouth (15').
3. Apparatus according to Claim 1 wherein inside the body (13) of the drawing tap (12) are present:
10 - a channel (16) permitting the entry into the bottle of the inert gas, connected with the pipe of the inert gas circuit;
- a channel (17) connected on one side to the pipe (18) and to the opposite side to the spout (19) and entering a chamber (20) closed by the piston of the electric valve (14) and a branch (21) which is also connected with the inert gas circuit.
- 15 4. Apparatus according to claim 3 wherein the tap (15) is solidly connected to the body (13) through a chamber (22).
5. Apparatus according to Claim 3 wherein the tap (15) is free to move up and down in the chamber (22).
6. Apparatus according to Claim 5 wherein in the chamber (22) is present a spring
20 (23) which pushes the tap (15) downwards.
7. Apparatus according to Claim 6 wherein the channel (16) at the end which enters into chamber (22) is closed by a needle valve (25).
8. Apparatus according to Claims 1 – 7 wherein the means regulating the hydraulic and electric functions are controlled by a software.
- 25 9. Apparatus according to Claims 1 – 8 wherein the activation of the apparatus is performed by introducing a magnetic or chip card in the suitable inlet.
10. Apparatus according to Claims 1 – 9 wherein on the body of the apparatus, by each bottle, a liquid crystal- or luminous led-display showing the amount due for each draught is present.
- 30 11. Apparatus according to claims 1 – 10 wherein the body (10) houses more than one bottle.
12. Method for drawing liquids from a bottle through the action of an inert gas

pushing on the liquid contained in the bottle, wherein an apparatus according to claims 1 – 11 is used.